



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/786,876	02/24/2004	Vijay D. Parkhe	008850	1903
61285 7590 09/28/2010				
Ashok K. Janah				
650 DELANCEY STREET, SUITE 106				
SAN FRANCISCO, CA 94107				
EXAMINER				
MOORE, KARLA A				
ART UNIT		PAPER NUMBER		
1716				
MAIL DATE		DELIVERY MODE		
09/28/2010		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Application No.

Applicant(s)

10/786,876

PARKHE ET AL.

Response to Rule 312 Communication

Examiner

Art Unit

KARLA MOORE

1716

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. ☒ The amendment filed on 18 August 2010 under 37 CFR 1.312 has been considered, and has been:

- a) ☐ entered.
- b) ☒ entered as directed to matters of form not affecting the scope of the invention.
- c) ☐ disapproved because the amendment was filed after the payment of the issue fee.

Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

- d) ☐ disapproved. See explanation below.
- e) ☐ entered in part. See explanation below.

The amendments to claims 15 and 91 have been entered. Regarding the comments on statement of reasons for allowance, the following is an examiner's statement of reasons for allowance: The prior art of record fails to teach or suggest: A substrate support comprising: a) a ceramic support having an electrode embedded therein, the electrode being chargeable to electrostatically hold a substrate; and b) a contact surface comprising a plurality of mesas, each mesa comprising (i) a surface coating comprising a diamond-like carbon material having a composition of from about 50 atom % to about 90 atom % carbon, from about 5 atom % to about 10 atom % hydrogen, from about 10 atom % to about 20 atom % silicon, and from about 5 atom % to about 10 atom % oxygen, the surface coating comprising a coefficient of friction of less than about 0.3, an average surface roughness of less than about 0.4 micrometers, and a microhardness of at least about 8 GPa (emphasis added); and (ii) a metal layer between the ceramic support structure and the surface coating. Further, no other prior art was located that fairly suggested the claimed invention in whole or in part, along with the requisite motivation for combination, in order to anticipate or render the claimed invention obvious. Each of the allowed independent claims comprises at least the features recited above. Therefore, this is an accurate reason(s) for allowance. The language used above is not being used to limit the scope. It is just being used to express what makes the claims allowable. Further, although, it is the combination of features that have been found allowable, emphasis has been added above to the recitation drawn to the composition and properties of the surface coating to draw attention to the fact that this is, specifically, the teaching not fairly taught or suggested by the prior art which led to the allowance of the claims.

/Karla Moore/
Primary Examiner, Art Unit 1716